

XX european lager - Defeat the Boss!

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU ---
- SRM **3.7**
- Style **Standard American Lager**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **6 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **28 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilznieński	3.85 kg (87.5%)	81 %	4
Sugar	Cukier	0.4 kg (9.1%)	100 %	0
Grain	Carared	0.15 kg (3.4%)	75 %	39

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	50 g	0 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Starter W34/70	Wheat	Liquid	1000 ml	---